Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. First & Final Bill
Division EE (Project)

Date:
Sub-Division AEE (Project)

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate Name of Work: **1. Improvement of roads and drain at kogilu layout main road and cross road in ward no 05 byatarayanapura sub division**
2. Improvement of roads and drain at kattigenahalli kuvempunagara cross road in ward no 05 byatarayanapura sub division
3. Improvement of drain at dwarakanagara srirama temple road in ward no 05 byatarayanapura sub division
4. Improvement of roads and drain at kattigenahalli surrounding area in ward no 05 byatarayanapura sub division
5. Improvement of roads and drain at nirantara layout in ward no 05 byatarayanapura sub division
6. Improvement of drain and asphalting to road at agrahara layout harihara temple surrounding area in ward no 05 byatarayanapura sub division

Reference to Agreement No.EE(Project)/YNK Zone/AG/201 /2017-18 Dated: 23-03-2018
Work order No . EE(Project)/YNK Zone/AG/201 /2017-18 Dated:23-03-2018
Job Code: 005-18-000025 Budget head: P-~~4198~~ 3112 Est. cost: 300.00 lakhs

Name of Contractor and Full address: M/s A. CHENNAREDDY

Certified that the measurements were taken by me on 30.04.18 and recorded of Pages: 161901 to 161906 of measurement Book No: 35/17-18 and that the work is satisfactorily executed.

1620

For M/s. A.R. Projects
Proprietor
Contractor

Officer-in-charge of work

Certified that the measurements were verified by me on 30/4/18 and found correct.
The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Executive Engineer
Project Division
Yelahanka Zone
Bangalore
Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account with in	Total Rs:	1,45,12,037-00
2) Deduct amount to be held in reserve being.....percent Rs.....	1% IT -	145120-00
3) " Balance	1% Cess -	145120-00
4) Deduct Payments :	0.1% CBF -	14512-00
a) Amount of previous payment as in the Office cash Book Voucher No.....Dated.....S.D. No.....	LR -	191559-00
Amount adjusted towards cash advance recovery of	5% FSD -	725602-00
b) Payments cost store or other materials supplied.	Adju.	1221913-00
Now made recovery of amount creditable to this/other work		
Amount paid on this bill Cheque/Cash	Cheque:	1,32,90,124-00
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash advance made on the Office Cash Book Voucher No.....dated.....less adjustments		
7) Net amount due to or from contractor		
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) within		

Contractor's Signature

Received Rs..... (In words)
.....
By Cash and by adjustment of Payment as per memorandum
Witnesses:
1.
2.
Dated.....Signature of Contractor

Paid by me by cheque
No.....Dated.....
Cash Rs.....Dated.....

Initials of Officer making payment

(For use in the Office)
Audited & Admitted for Rs. 1,45,12,037-00
Stamp
Rs: 1,32,90,124-00 by Cheque
and Rs. 12,21,913-00 by Adjustment

Accts. Supdt.
Project Division
B.B.M.P
09/5

Executive Engineer
Project Division
B.B.M.P
10/5

Item No.	Description	Unit	Previous		Present Measurement Bill			Total Quantity UP to date	
			Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost
1	Removing B.S Slab of Drain and Stacking	Sqm			1185.63	60.00	71137.80	1185.63	71137.80
2	Refixing Stone Slabs of Drains and pointing in C.M (1:3)	Sqm			1185.63	80.00	94850.40	1185.63	94850.40
3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc., Complete. 7.5cms thick	Sqm				650.00	0.00	0.00	0.00
4	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2	Sqm			1528.32	6.00	9169.92	1528.32	9169.92
5	KSRRB 500-2 Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec. Chapter 5	Sqm			2243.34	4.00	8973.34	2243.34	8973.34
6	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification	Cum			1364.55	200.00	272909.25	1364.55	272909.25
7	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications	Cum			3192.28	175.00	558649.30	3192.28	558649.30
8	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications	Cum			3099.62	1700.00	5269354.36	3099.62	5269354.36
9	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications	Sqm			13484.65	30.00	404539.61	13484.65	404539.61
10	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm. heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications	Sqm			18981.78	15.00	284726.77	18981.78	284726.77

Item No.	Description	Unit	Previous		Present Measurement Bill			Total Quantity UP to d	
			Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost
11	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum			69.69	7000.00	487830 - 487858.88	69.69	487830 - 487858.88
12	Providing and laying **bituminous concrete** 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications	Cum			758.95	8600.00	6526970 - 6526965.01	758.95	6526970 - 6526965.01
13	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications	Sqm				550.00	0.00	0.00	0.00
14	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum			42.98	5500.00	236390 - 236414.06	42.98	236390 - 236414.06
15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No	Sqm				250.00	0.00	0.00	0.00
16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification	Sqm				300.00	0.00	0.00	0.00

Item No.	Description	Unit	Previous		Present Measurement Bill			Total Quantity UP-to-d	
			Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost
17	Providing and laying cement concrete using 20mm and down size granite coarse aggregate's and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams.	Cum				6500.00	0.00	0.00	0.00
18	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3.	Tonne				65000.00	0.00	0.00	0.00
19	KSRRB 5:14: Providing and Constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton/sqm with cement mortor 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40X15X20 cms confirming to I.S:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications	Sqm				950.00	0.00	0.00	0.00
20	KSRB 1:1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.3	Cum				5500.00	0.00	0.00	0.00
21	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm				2000.00	0.00	0.00	0.00
22	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm				5000.00	0.00	0.00	0.00

Item No.	Description	Unit	Previous		Present Measurement Bill			Total Quantity UP-to-date	
			Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost
23	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design. / . laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling , the form work as per drawing) & spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane, selant primer,joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications.M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine cum aggregate @ 0.46cum)	Cum			42.98	6000.00	257880- 257906.25	42.98	257880- 257906.25
24	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift	Sqm			286.56	100.00	28656.25	286.56	28656.25
					TOTAL		14512109.2		14512109

1.45,12.037-6 R:1.45,12.037-6

Certificate

1 **The above work has been Completed satisfactorily**
2 **The debris has been removed and disposed from the work spot.**
3 **No. departmental issues are made to the contractor**

Asst Engineer

Project Division Yelahanka Zone

Asst Executive Engineer

Project Division Yelahanka Zone

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore